

Xiaoyu Hu

List of Publications by Year in descending order

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73
papers

6,491
citations

109321

35
h-index

91884

69
g-index

75
all docs

75
docs citations

75
times ranked

11159
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Cross-regulation of Signaling Pathways by Interferon- γ : Implications for Immune Responses and Autoimmune Diseases. <i>Immunity</i> , 2009, 31, 539-550. | 14.3 | 733 |
| 2 | TNF activates an IRF1-dependent autocrine loop leading to sustained expression of chemokines and STAT1-dependent type I interferon response genes. <i>Nature Immunology</i> , 2008, 9, 378-387. | 14.5 | 388 |
| 3 | IFN- γ Suppresses IL-10 Production and Synergizes with TLR2 by Regulating GSK3 and CREB/AP-1 Proteins. <i>Immunity</i> , 2006, 24, 563-574. | 14.3 | 370 |
| 4 | Notch RBP-J signaling regulates the transcription factor IRF8 to promote inflammatory macrophage polarization. <i>Nature Immunology</i> , 2012, 13, 642-650. | 14.5 | 361 |
| 5 | Interferon regulatory factor-8 regulates bone metabolism by suppressing osteoclastogenesis. <i>Nature Medicine</i> , 2009, 15, 1066-1071. | 30.7 | 270 |
| 6 | Regulation of interferon and Toll-like receptor signaling during macrophage activation by opposing feedforward and feedback inhibition mechanisms. <i>Immunological Reviews</i> , 2008, 226, 41-56. | 6.0 | 261 |
| 7 | Synergistic Activation of Inflammatory Cytokine Genes by Interferon- γ -Induced Chromatin Remodeling and Toll-like Receptor Signaling. <i>Immunity</i> , 2013, 39, 454-469. | 14.3 | 250 |
| 8 | Crosstalk among Jak-STAT, Toll-like receptor, and ITAM-dependent pathways in macrophage activation. <i>Journal of Leukocyte Biology</i> , 2007, 82, 237-243. | 3.3 | 247 |
| 9 | Interferon- γ regulates cellular metabolism and mRNA translation to potentiate macrophage activation. <i>Nature Immunology</i> , 2015, 16, 838-849. | 14.5 | 239 |
| 10 | Integrated Regulation of Toll-like Receptor Responses by Notch and Interferon- γ Pathways. <i>Immunity</i> , 2008, 29, 691-703. | 14.3 | 235 |
| 11 | Role of Notch signaling in regulating innate immunity and inflammation in health and disease. <i>Protein and Cell</i> , 2016, 7, 159-174. | 11.0 | 206 |
| 12 | Sensitization of IFN- γ Jak-STAT signaling during macrophage activation. <i>Nature Immunology</i> , 2002, 3, 859-866. | 14.5 | 194 |
| 13 | Tumor necrosis factor induces GSK3 kinase-mediated cross-tolerance to endotoxin in macrophages. <i>Nature Immunology</i> , 2011, 12, 607-615. | 14.5 | 160 |
| 14 | TNF-induced osteoclastogenesis and inflammatory bone resorption are inhibited by transcription factor RBP-J. <i>Journal of Experimental Medicine</i> , 2012, 209, 319-334. | 8.5 | 157 |
| 15 | Inhibition of IFN- γ Signaling by Glucocorticoids. <i>Journal of Immunology</i> , 2003, 170, 4833-4839. | 0.8 | 156 |
| 16 | The Mevalonate Pathway Is a Druggable Target for Vaccine Adjuvant Discovery. <i>Cell</i> , 2018, 175, 1059-1073.e21. | 28.9 | 148 |
| 17 | Fc γ RIII-Dependent Inhibition of Interferon- γ Responses Mediates Suppressive Effects of Intravenous Immune Globulin. <i>Immunity</i> , 2007, 26, 67-78. | 14.3 | 147 |
| 18 | The GRIP1:IRF3 interaction as a target for glucocorticoid receptor-mediated immunosuppression. <i>EMBO Journal</i> , 2006, 25, 108-117. | 7.8 | 141 |

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|----|--|------|-----------|
| 19 | Reprogramming of IL-10 Activity and Signaling by IFN- γ . <i>Journal of Immunology</i> , 2003, 171, 5034-5041. | 0.8 | 134 |
| 20 | Signaling by STATs. <i>Arthritis Research</i> , 2004, 6, 159. | 2.0 | 121 |
| 21 | Slc6a8-Mediated Creatine Uptake and Accumulation Reprogram Macrophage Polarization via Regulating Cytokine Responses. <i>Immunity</i> , 2019, 51, 272-284.e7. | 14.3 | 121 |
| 22 | Autoamplification of Notch Signaling in Macrophages by TLR-Induced and RBP-J δ -Dependent Induction of Jagged1. <i>Journal of Immunology</i> , 2010, 185, 5023-5031. | 0.8 | 105 |
| 23 | Amplification of IFN- γ -induced STAT1 activation and inflammatory function by Syk and ITAM-containing adaptors. <i>Nature Immunology</i> , 2004, 5, 1181-1189. | 14.5 | 88 |
| 24 | The JAK/STAT pathway in rheumatoid arthritis: Pathogenic or protective?. <i>Arthritis and Rheumatism</i> , 2003, 48, 2092-2096. | 6.7 | 85 |
| 25 | Gene-specific mechanisms direct glucocorticoid-receptor-driven repression of inflammatory response genes in macrophages. <i>ELife</i> , 2018, 7, . | 6.0 | 77 |
| 26 | Increased Th17 Cells in the Tumor Microenvironment Is Mediated by IL-23 via Tumor-Secreted Prostaglandin E2. <i>Journal of Immunology</i> , 2013, 190, 5894-5902. | 0.8 | 73 |
| 27 | The transcriptional repressor Hes1 attenuates inflammation by regulating transcription elongation. <i>Nature Immunology</i> , 2016, 17, 930-937. | 14.5 | 64 |
| 28 | NOTCH1 Signaling Regulates Self-Renewal and Platinum Chemoresistance of Cancer Stem-like Cells in Human Non-Small Cell Lung Cancer. <i>Cancer Research</i> , 2017, 77, 3082-3091. | 0.9 | 64 |
| 29 | RBP-J δ -Regulated miR-182 Promotes TNF- α -Induced Osteoclastogenesis. <i>Journal of Immunology</i> , 2016, 196, 4977-4986. | 0.8 | 59 |
| 30 | IFN- γ -Primed Macrophages Exhibit Increased CCR2-Dependent Migration and Altered IFN- γ Responses Mediated by Stat1. <i>Journal of Immunology</i> , 2005, 175, 3637-3647. | 0.8 | 57 |
| 31 | IFN- γ and STAT1 Arrest Monocyte Migration and Modulate RAC/CDC42 Pathways. <i>Journal of Immunology</i> , 2008, 180, 8057-8065. | 0.8 | 57 |
| 32 | Homeostatic Role of Interferons Conferred by Inhibition of IL-1-Mediated Inflammation and Tissue Destruction. <i>Journal of Immunology</i> , 2005, 175, 131-138. | 0.8 | 53 |
| 33 | RBP-J imposes a requirement for ITAM-mediated costimulation of osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2014, 124, 5057-5073. | 8.2 | 52 |
| 34 | RBP-J is required for M2 macrophage polarization in response to chitin and mediates expression of a subset of M2 genes. <i>Protein and Cell</i> , 2016, 7, 201-209. | 11.0 | 42 |
| 35 | Myxoma Virus Induces Type I Interferon Production in Murine Plasmacytoid Dendritic Cells via a TLR9/MyD88-, IRF5/IRF7-, and IFNAR-Dependent Pathway. <i>Journal of Virology</i> , 2011, 85, 10814-10825. | 3.4 | 37 |
| 36 | Epithelial Hes1 maintains gut homeostasis by preventing microbial dysbiosis. <i>Mucosal Immunology</i> , 2018, 11, 716-726. | 6.0 | 35 |

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|----|---|------|-----------|
| 37 | Enhancing KDM5A and TLR activity improves the response to immune checkpoint blockade. <i>Science Translational Medicine</i> , 2020, 12, . | 12.4 | 34 |
| 38 | LRRK2 plays essential roles in maintaining lung homeostasis and preventing the development of pulmonary fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 33 |
| 39 | TMEM43-S358L mutation enhances NF- κ B-TGF β 2 signal cascade in arrhythmogenic right ventricular dysplasia/cardiomyopathy. <i>Protein and Cell</i> , 2019, 10, 104-119. | 11.0 | 31 |
| 40 | Glucocorticoid-induced phosphorylation by CDK9 modulates the coactivator functions of transcriptional cofactor GRIP1 in macrophages. <i>Nature Communications</i> , 2017, 8, 1739. | 12.8 | 28 |
| 41 | Notch- and Transducin-like Enhancer of Split (TLE)-dependent Histone Deacetylation Explain Interleukin 12 (IL-12) p70 Inhibition by Zymosan. <i>Journal of Biological Chemistry</i> , 2011, 286, 16583-16595. | 3.4 | 27 |
| 42 | Zoledronate dysregulates fatty acid metabolism in renal tubular epithelial cells to induce nephrotoxicity. <i>Archives of Toxicology</i> , 2018, 92, 469-485. | 4.2 | 26 |
| 43 | Negative elongation factor complex enables macrophage inflammatory responses by controlling anti-inflammatory gene expression. <i>Nature Communications</i> , 2020, 11, 2286. | 12.8 | 24 |
| 44 | Biphasic modulation of insulin signaling enables highly efficient hematopoietic differentiation from human pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 205. | 5.5 | 22 |
| 45 | CD127 imprints functional heterogeneity to diversify monocyte responses in inflammatory diseases. <i>Journal of Experimental Medicine</i> , 2022, 219, . | 8.5 | 21 |
| 46 | Nutrient Sensing by the Intestinal Epithelium Orchestrates Mucosal Antimicrobial Defense via Translational Control of Hes1. <i>Cell Host and Microbe</i> , 2019, 25, 706-718.e7. | 11.0 | 20 |
| 47 | MicroRNAs of the miR-17-92 family maintain adipose tissue macrophage homeostasis by sustaining IL-10 expression. <i>ELife</i> , 2020, 9, . | 6.0 | 20 |
| 48 | TLE4 acts as a corepressor of Hes1 to inhibit inflammatory responses in macrophages. <i>Protein and Cell</i> , 2019, 10, 300-305. | 11.0 | 19 |
| 49 | The colonic macrophage transcription factor RBP-J orchestrates intestinal immunity against bacterial pathogens. <i>Journal of Experimental Medicine</i> , 2020, 217, . | 8.5 | 17 |
| 50 | MicroRNA-21: A Positive Regulator for Optimal Production of Type I and Type III Interferon by Plasmacytoid Dendritic Cells. <i>Frontiers in Immunology</i> , 2017, 8, 947. | 4.8 | 16 |
| 51 | Regulatory network mediated by RBP-J/NFATc1-miR182 controls inflammatory bone resorption. <i>FASEB Journal</i> , 2020, 34, 2392-2407. | 0.5 | 14 |
| 52 | β -Defensins Promote Bacteroides Colonization on Mucosal Reservoir to Prevent Antibiotic-Induced Dysbiosis. <i>Frontiers in Immunology</i> , 2020, 11, 2065. | 4.8 | 14 |
| 53 | Combining V β 9V α 2 T Cells with a Lipophilic Bisphosphonate Efficiently Kills Activated Hepatic Stellate Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1381. | 4.8 | 13 |
| 54 | Hes1 attenuates type I IFN responses via VEGF-C and WDFY1. <i>Journal of Experimental Medicine</i> , 2019, 216, 1396-1410. | 8.5 | 13 |

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|----|--|------|-----------|
| 55 | Def6 Restrains Osteoclastogenesis and Inflammatory Bone Resorption. <i>Journal of Immunology</i> , 2017, 198, 3436-3447. | 0.8 | 11 |
| 56 | Def6 regulates endogenous type-I interferon responses in osteoblasts and suppresses osteogenesis. <i>ELife</i> , 2020, 9, . | 6.0 | 11 |
| 57 | Dlg1 Maintains Dendritic Cell Function by Securing Voltage-Gated K ⁺ Channel Integrity. <i>Journal of Immunology</i> , 2019, 202, 3187-3197. | 0.8 | 10 |
| 58 | Metabolic regulation of innate immunity. <i>Advances in Immunology</i> , 2020, 145, 129-157. | 2.2 | 10 |
| 59 | Setd2 determines distinct properties of intestinal ILC3 subsets to regulate intestinal immunity. <i>Cell Reports</i> , 2022, 38, 110530. | 6.4 | 10 |
| 60 | An ultra low-input method for global RNA structure probing uncovers Regnase-1-mediated regulation in macrophages. <i>Fundamental Research</i> , 2022, 2, 2-13. | 3.3 | 9 |
| 61 | Macrophages promote cartilage regeneration in a time- and phenotype-dependent manner. <i>Journal of Cellular Physiology</i> , 2022, 237, 2258-2270. | 4.1 | 9 |
| 62 | Three paralogous clusters of the miR-17~92 family of microRNAs restrain IL-12-mediated immune defense. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1751-1760. | 10.5 | 8 |
| 63 | Group 3 Innate Lymphoid Cells Protect the Host from the Uropathogenic <i>Escherichia coli</i> Infection in the Bladder. <i>Advanced Science</i> , 2022, 9, e2103303. | 11.2 | 8 |
| 64 | Leptin receptor signaling sustains metabolic fitness of alveolar macrophages to attenuate pulmonary inflammation. <i>Science Advances</i> , 2022, 8, . | 10.3 | 7 |
| 65 | Epithelial NELF guards intestinal barrier function to ameliorate colitis by maintaining junctional integrity. <i>Mucosal Immunology</i> , 2022, 15, 279-288. | 6.0 | 6 |
| 66 | Contact-dependent delivery of IL-2 by dendritic cells to CD4 T cells in the contraction phase promotes their long-term survival. <i>Protein and Cell</i> , 2020, 11, 108-123. | 11.0 | 4 |
| 67 | Sweet Memories of 8 Empowered by Butyrate. <i>Immunity</i> , 2019, 51, 201-203. | 14.3 | 3 |
| 68 | Editorial: Innate Immunity Programming and Memory in Resolving and Non-Resolving Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 177. | 4.8 | 3 |
| 69 | Engagement of TLR and Dectin-1/Syk Signaling Is Required for Activation of Notch Targets in Dendritic Cells. <i>Infectious Microbes & Diseases</i> , 2021, 3, 101-108. | 1.3 | 2 |
| 70 | Myxoma Virus Induces Type I Interferon Production in Murine Plasmacytoid Dendritic Cells via a TLR9/MyD88-, IRF5/IRF7-, and IFNAR-Dependent Pathway. <i>Journal of Virology</i> , 2011, 85, 12835-12835. | 3.4 | 0 |
| 71 | Stereotyping in East and West: live with it or deal with it?. <i>Nature Immunology</i> , 2020, 21, 234-234. | 14.5 | 0 |
| 72 | TNF-induced osteoclastogenesis and inflammatory bone resorption are inhibited by transcription factor RBP-J. <i>Journal of Cell Biology</i> , 2012, 196, i2-i2. | 5.2 | 0 |

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|----|---|-----|-----------|
| 73 | Generation of a human induced pluripotent stem cell line FMUPDCi001-A from a patient with mental retardation, autosomal recessive 36 (MRT36) carrying the variants c.219dupA and c.587C>T in ADAT3. Stem Cell Research, 2022, 61, 102777. | 0.7 | 0 |